

## ECS Configuration Change Request

Page 1 of 2 Page(s)

<b>1. Originator</b> Randall J. Miller	<b>2. Log Date:</b>	<b>3. CCR #:</b>	<b>4. Rev:</b>	<b>5. Tel:</b> x0400	<b>6. Rm #:</b> 2078	<b>7. Org.</b> CO
<b>8. Title of Change:</b> Deliver 4PY Test Executables for ETE to LaRC						
<b>9. Originator Signature/Date</b>		<b>10. Class</b>	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 5/25/99		
<b>13. Office Manager Signature/Date</b>		<b>14. Category of Change:</b> Update Baseline		<b>15. Priority:</b> (If "Emergency" fill in Block 28). Emergency		
<b>16. Documentation/Drawings Impacted:</b> None.		<b>17. Schedule Impact:</b> None		<b>18. CI(s) Affected:</b> SDSRV, STMGT		
<b>19. Release Affected:</b> 4PY		<b>20. Date due to Customer:</b> N/A		<b>21. Impl. Date:</b> 5/25/99		<b>22. Estimated Cost:</b> None
<b>23. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 22767, 22836						
<b>24. Description of Change: (use additional Sheets if necessary)</b> Development has fixes for NCRs 22767 and 22836, and has built FTP servers with tuneable block sizes..						
<b>25. Proposed Solution: (use additional sheets if necessary)</b> CSG shall prepare two tar files, one for the Sun and one for the SGI.  (see continuation page)						
<b>26. Alternate Solution: (use additional sheets if necessary)</b> Wait for delivery of the Ithaca patch (14 June).						
<b>27. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> LaRC will be unable to complete ETE (NCR 22836), will be unable to complete MISR SSI&T (NCR22767), and will be unable to tune its FTP servers.						
<b>28. Justification for Emergency (If Block 15 is "Emergency"):</b> LaRC needs to install fixes before re-starting the ETE tomorrow.						
<b>29. Site(s) Affected:</b> <input type="checkbox"/> EDF <input type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>30. Board Comments:</b>				<b>31. Work Assigned To:</b>		
<b>32. EDF/REL2 CCB Chair (Sign/Date):</b>	<b>33. Disposition:</b>		<b>34. (TBD)</b>			
	A/C Fwd/ECS		Approved Disapproved Fwd/ESDIS			
<b>35. M&amp;O CCB Chair (Sign/Date):</b>	<b>36. Disposition:</b>		<b>37. CM Manager's Closure:</b>			
	A/C Fwd/ECS		Approved Disapproved Fwd/ESDIS			
<b>38. ECS CCB Chair (Sign/Date):</b>	<b>39. Disposition:</b>		<b>40. CCR Closed Date:</b>			
	A/C Disapproved					

## ADDITIONAL SHEET

**CCR #:**                      **Rev:**      **Originator:** R. Miller

**Telephone:** x0400      **Office:** 2078

**Title of Change:** Deliver 4PY Test Executables for ETE to LaRC

Proposed Solution (Continued):

Sun

===

From 4PY current:

```
/ecs/formal/DSS/bin/sun5.5/EcDsSt8MMServer  
/ecs/formal/DSS/bin/sun5.5/EcDsScienceDataServer  
/ecs/formal/DSS/lib/sun5.5/libDsMd2Sh.so
```

SGI

===

From Jonathan Crawford's view "jcrowfor\_blocksize",

```
EcDsStFtpDisServer  
EcDsStIngestFtpServer
```

These tar files should include "LaRC\_ETE" in their names.

Each of these files is a direct replacement for the previously delivered version -- each would be installed into a quiescent system by copying manually (cp) from the command line, making sure that permissions and ownership are properly maintained.

To change the buffer size used, modify the EcDsStEnvKsh to setenv FTPBUFSIZ to whatever value you want (in bytes). You can confirm the buffer size being used by looking in the debug log for the server. When a file is being transferred, you will typically see lines of the type:

Wrote 65536 bytes

The number is the buffer size in use. Recommended values are large integer powers of two: 524288 (512K), 1048576 (1MB), 2097152 (2MB), and 4194304 (4MB).

CM01A

## CCR Originator's Preliminary Impacts List

(Reference PI CM-1-003. Expand Table as Necessary with Carriage Returns or New Rows)

**CCR No.**                      **Rev.**                      **Originator:** R. Miller                      **Phone:**      0400

**Title:**    Deliver 4PY Test Executables for ETE to LaRC

Office	Office Impact	Signature & Date	Comments:
BLM Baseline (XRP)			
Contracts			
CM	X		
Data Mgmt.			
ECS Chief Eng.			
ESDIS			
EMOS			
IDG			
Maint. & Oper.	X		
Mini-DAAC			
Y2K Compliance			
Quality Office			
Resource Mgmt.			
Release Dev.	X		
RTSC			
Schedule Control			
Science Office			
Security			
Software COTS Lib.			
Subcontracts			
System Eng.			
SV&A			
VATC			
Other			

## Supplementary Procurement Information

<b>1. CCR #:</b>	<b>2. Rev:</b>	<b>3. Date:</b>	
<b>4. Fund Type:</b> Project Funds	<b>5. Not to Exceed \$:</b>	<b>6. On Dock Need Date:</b>	<b>7. Account #:</b>
<b>8. Firm Quote Expiration Date:</b>		<b>9. WBS Manager (Sign/Date)</b>	
<b>10. Department Manager Verifying Need: (Sign/Date) (Not Required for Maintenance Procurements)</b>	<b>11. Procurement Manager (Sign/Date)</b>		<b>12. Type of Procurement</b>  Raytheon                  EDS
<b>13. COTS Manager (Sign/Date) (Not Required for Maintenance Procurements):</b>			
<b>14. FOR CM USE ONLY:</b>			

CM15MR99

## INSTRUCTIONS FOR CM01 (ECS Configuration Change Request)

1. Originator: Type First, MI, Last Name
2. <b>Log Date: For CM Use</b>
3. <b>CCR #: For CM Use</b>
4. <b>Rev #: For CM Use</b>
5. Telephone/Office – Use complete #, (301) XXX-XXXX
6. Room #: Ex. 2134A
7. Organization - Such as SED, REDV, SED, SO, etc.
8. Title of Change: A descriptive title that summarizes the change
9. Originator Signature/Date
10. <b>Class – FOR CM USE</b>
11. Type: CCR, DEV, or WAIVER
12. Need Date: Date when change is needed
13. Office Manager Signature/Date
14. Category of Change: RTM, Procurement, etc.
15. Priority: Routine and Emergency
16. Documentation/Drawings Impacted: Use latest approved drawing(s)/document(s) number.
17. Schedule Impact: Schedule, if not enter (N/A)
18. CI(s) Affected: Put in Configuration Items Affected
19. Release Affected: Release
20. Date Due to your Customer.
21. Date that this change needs to be implemented after approval.
22. Cost Estimate: None, Small<= \$100,000, Medium (\$100,000 to \$500,000), or Large (>500,000)
23. Source Reference: Check applicable box and enter Reference #.
24. Description of Change: Describe the change you are requesting
25. Proposed Solution: Describe the solution to the requested change.
26. Alternate Solution: Is there another solution if proposed solution is not approved.
27. Consequences if Change(s) are not approved: What impact or consequences would happen if CCR is not approved.
28. Must complete Line 28 if Line 15 is marked “Emergency”.
29. Site(s) Affected: Check appropriate box.
30. <b>For Chairman Use Only</b>
31. <b>For CM Use Only</b>
32. <b>For Chairman Use Only</b>
33. <b>For Chairman Use Only</b>
34. <b>To Be Determined at a Later Date</b>
35. <b>For Chairman Use Only</b>
36. <b>For Chairman Use Only</b>
37. <b>For CM Use Only</b>
38. <b>For Chairman Use Only</b>
39. <b>For Chairman Use Only</b>
40. <b>For CM Use Only</b>